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SECTION

Water Funding Programs

UTAH STATE WATER PLAN - WEBER RIVER BASIN PLAN

The level of funding required to operate and construct water development projects and related service facilities is considerable. Funding from public programs is necessary to construct needed water-related public works projects.

8.1 Introduction

This section of the *Weber River Basin Plan* presents information and data relating to basic funding programs administered through local, state and federal agencies ear-marked for the development and implementation of water resources related projects and programs.

8.2 Background

The complexity and size of today's water projects and related service facilities dictates that large sums of money are needed to meet a growing demand for water. The capability, however, to fund needed system enlargements or improvements is typically beyond the means of individual water provider agencies. As a result, state and federal agencies provide a number of funding programs to assist local water provider agencies to improve existing water service facilities. The construction costs associated with the basin's three large federal water reclamation projects are given in Table 8-1.

8.3 State Funding and Assistance Programs

Table 8-2 presents state funding expenditures for recent years. Table 8-3 presents the eight state agencies administering programs that provide various levels of funding to plan and construct water resource-related projects.

8.4 Federal Water Funding Programs

Table 8-4 presents federal funding expenditures for water related projects. Table 8-5 summarizes the

types of funding programs associated with seven federal agencies.

8.5 Local Water Funding Programs

Because of the involvement of larger water districts (wholesalers) in the overall use and distribution of water, local funding programs are, in some cases, made available to smaller water provider agencies to improve or expand existing storage and distribution facilities. Funds facilities are made available on a case by case basis. ♦

Table 8-1
MAJOR BUREAU OF RECLAMATION PROJECTS

Project Data/Feature	Weber River Project	Ogden River Project	Weber Basin Project
Initial Design/Construction	Bureau of Reclamation	Bureau of Reclamation	Bureau of Reclamation
Operating Agency	Weber River Water Users Association	Ogden River Water Users Assn.	Weber Basin Water Conservancy District
Type of Project	Water Storage	Water Storage and Distribution	Multipurpose
	M&I-Agricultural Irrigation Water	Agricultural Water	M&I-Agricultural Water
	Recreation-Sport Fishery	Power Generation	Power Generation
		Recreation-Sport Fishery	Recreation-Sport Fishery
		Flood Control	Flood Control
Dates of Construction	November 1927 to December 1931	September 1934 to June 1937	1956 to 1969
Initial Construction Cost	\$3,230,800	\$19,787,900	\$127,782,000
River System	Upper Weber River	Upper Ogden River	Upper and Lower Ogden/Weber River System
Area of Service/Clientel Base	109,000 acres - Weber, Davis, Morgan and Summit counties	25,000 acres - Weber and Box Elder counties	90,500 acres farmland - Weber, Davis, Morgan and Summit counties
			38 Water Provider Agencies
			21 Towns and Cities
			21 Commercial-Industrial Businesses
Major Features	Echo Dam and Reservoir	Pineview Dam/Reservoir	Arthur V. Watkins Dam and Reservoir
	Weber-Provo Diversion Canal	Ogden Canyon Transmission Line	Willard Canal and Pumping Station
	City of Bountiful Hydroelectric Power Plant	Ogden-Brimham City Canal	Slaterville and Stoddard Diversion Dams
		South Ogden Highline Canal	Layton Canal, Plumping Plant and Distribution
		UP&L Hydroelectric Power Plant	Pineview Dam Enlargement
			Causey Dam and Reservoir
			Weber and Davis Aqueducts
			Gateway Canal and Power Plant
			East Canyon Dam Enlargement and Reservoir
			Lost Creek Dam and Reservoir
			Wanship Dam, Rockport Lake and Power Plant
Annual Deliveries	57,100 acre-feet - 1994	55,000 acre-feet - 1994	141,800 acre-feet - 1992

Table 8-2
STATE WATER-RELATED FUNDING EXPENDITURES

Funding Agency	Grants	Loans (\$1,000)	Period
Board of Parks and Recreation			
Land and Water Conservation Fund	4,405		1993-96
Riverway Enhancement Program	430		1993-96
Board of Water Resources			
Cities Water Loan Fund	0	11,035	1974-95
Conservation and Development Fund	0	26,437	1978-95
Revolving Construction Fund	0	7,977	1947-95
Dam Safety Studies/Repairs			
Wildlife Board			
Wallup/Breaux Bill			
Community Development			
Community Development Block Grant	18,400		1986-95
Permanent Community Impact Board			
Permanent Community Impact Fund			
Disaster Relief Board Fund			
Safe Drinking Water Board			
Financial Assistance Program	250	7,600	1983-96
Soil Conservation Commission			
Agriculture Resource Development Loans		780	1984-96
Non-point Source Program	823		1992-93
Water Quality Board			
State Loan Program	12,464		1984-85
State Revolving Loan Program	29,509		1988-95
Federal Construction Grants	7,331		1972-88
EPA 314 Clean Lakes Program			

Table 8-3
STATE FUNDING PROGRAMS

Entity/Program	Contact	Purpose	Type
Board of Parks and Recreation Land and Water Conservation Fund Riverway Enhancement Program	Div. Of Parks & Rec.	Recreation facilities	Cost-Share
Board of Water Resources Revolving Construction Fund Cities Water Loan Fund Conservation and Development Fund	Div. of Water Res.	Small irr./cul. projects Municipal cul./systems Large water projects	Loans/Grants ^a Loans Loans
Community Development Block Grants Block Grants	Div. of Comm. Dev.	Rural living envir. impact	Grants
Perm. Community Impact Board Permanent Community Impact Fund Disaster Relief Board Fund	Div. of Comm.Dev.	Rural living envir. impact Disaster repair	Grants/Loans Grants
Drinking Water Board ^b Financial Assistance Program	Div. of Drinking Water	Drinking water system	Loans Grants
Soil Conservation Commission Agri. Resources Development Loan Non-Point Source Program	Dept. of Agriculture	Improve private ag. land Watershed improvement	Loans Grants
Wildlife Board Wallup/Bread Bill	Div. of Wildlife Res.	Fish Management. Boating	Grants
Water Quality Board Revolving Construction Loan Program Federal Construction Grants State Loan Program EPA 314 Clean Lakes Program	Div. of Water Quality	Wastewater treat. facilities Wastewater treat. facilities Wastewater treat. plant	Loans Grants Loans

a Grants given for studies of high hazard dams; loans and grants are provided for dam repairs.

b The 1996 Safe Drinking Water Act Reauthorization allows the Utah Drinking Water Board to utilize federal funding provided by the act for drinking water projects.

Table 8-4
FEDERAL WATER-RELATED FUNDING EXPENDITURES

Funding Agency Program	Cost Share	Grants	Loans (\$1,000)	Period
Farm Service Agency				
Agricultural Conservation Program		1,100		1990-96
Conservation Reserve Program				
Emergency Conservation Program				
Bureau of Reclamation ^a		150,801		1927-69
Corps of Engineers				
Civil Works				
Continuing Authority Program	650			1965-72
Emergency Activities	810			1985-86
Flood Plain Management Services	70			1996
Rural Development				
Community Development		730	4,000	1946-96
Federal Emergency Management Agency				
Presidential Declared Disaster		13,363		1983-84
Flood Plain Management				
Natural Resources Conservation Service				
Watershed Protection & Flood Prevention		300		1965-95
Emergency Watershed Program		64		1993-95

a Construction costs for three major basin water reclamation projects from 1927 to 1969.

Table 8-5
FEDERAL FUNDING PROGRAMS

Agency	Program	Purpose	Type
Department of Agriculture Farm Service Agency	Agricultural Conservation Program Emergency Conservation Program	Soil, Water, Energy Conservation Rehabilitation of Farmland Damaged by Disasters	Grants Grants
	Conservation Reserve Program	Reduce Erosion/Maintain Wetlands	Grants
	Rural development Resources Conservation & Development	Water Supply/Wastewater Disposal Multi-Purpose Water, Land, Conservation Facilities	Grants/Loans
Natural Resources Conservation Service	Watershed Protection & Flood Prevention Resource Conservation and Development Emergency Watershed Program	Flood Control and Water Multi-Purpose Water and Related Facilities	Grants Grants/Cost Share
	Civil Works Continuing Authorities Emergency Activities	Reduce Sedimentation and Flooding Flood Control Water Supply , Recreation Flood Control and Protection Flood Control and Protection	Grants/Cost Share Cost Share Cost Share Grants
Environmental Protection Agency Department of the Interior Bureau of Reclamation	Non-Point Source Program Investigation Programs Loan Programs	Water Quality Water Storage, Delivery Small Multipurpose Projects	Grants Loan Loan
	Presidential Declared Disaster Flood Plain Management	Damage Mitigation Structural Acquisition-Flood Plains	Grants Grants
Federal Emergency Management Agency			